



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Price et al

Atty Dkt No.: UCSDP001X1C1US/92-206-3

Application No.: 10/648,811

Examiner: Nguyen, B.

Filed: April 2, 1999

Group: 1641

Title: ASSAY OF YKL-40 AS A MARKER  
FOR DEGRADATION OF MAMMALIAN  
CONNECTIVE TISSUE MATRICES

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on November 14, 2006 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

Signed: \_\_\_\_\_

Joyce L. Ferreira

**INFORMATION DISCLOSURE STATEMENT  
BEFORE FINAL ACTION OR NOTICE OF ALLOWANCE  
(37 CFR §§ 1.56 AND 1.97(c))**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, a copy of which is attached, may be material to examination of the above-identified patent application. Applicants submit this reference in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make this citation of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that this reference indeed constitutes prior art.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under §1.113 or (ii) a notice of allowance under §1.311, whichever occurs first.

Accompanying this Information Disclosure Statement is

- ☐ a statement as specified in 37 CFR 1.97(e); or
- ☒ the fee set forth in 37 CFR 1.17(p).

If fees are due, enclosed is our Check No. 12591 including \$180.00 in payment of the Information Disclosure Statement Fee. If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. UCSDP001X1C1).

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP



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<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. LCSDP001X1C1.US	Application No.: 10/648,811
	Applicant: Paul A. Price et al.	Group 1641
	Filing Date August 25, 2003	

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	A	EP 0 710 251 Supplementary Partial European Search Repot
	B	PCT/US99/22615 International Search Report
	C	PCT/US94/07754 International Search Report
	D	Cintin, C. et al. (1999) Serum YKL-40 and Colarectal Cancer. Brit. J. of Cancer 79:1494-1499
	E	Johansen et al. (1995) Serum YKL-40: A Potential Marker of Prognosis and Location of Metastases of Patients and Recurrent Breast Cancer. 32a (9):1437-1442
	F	Kirkpatrick et al. (1997) Induction and Expression of Human Cartilage Glycoprotein 39 and Rheumatoid Inflammatory and Peripheral Blood Monocyte-Detived Macrophages. Experimental Cell Research 237(1):46-54
	G	Renkema et al. (1998) Chitoriosidase, a Chitinase, and the 39-kDa Human Cartilage Glycoprotein, a Chitin-Bonding Lectin, are Homologues of Family 18 Glycolas Hydolases Secretd by Human Macrophages, EP J. Biochem. DE, Berlin, 251(251): 504-509
	H	Baslund et al. (1998) YKL-40 in the Circulation of Temporal Artery in Patients with Giant Cell Arteritis and Polymyalgia Rheumatica. 41
	I	Boot et al. (1999) Strong Induction of Members of the Chitinase Family of Proteins in Artherosclerosis: Chitotrisidase and Human Cartilagegp-39 Expresses in Lesion Macrophages. Arterioscler Thormb Vasc. Biol. 19(3)687-694
	J	Nordenbaek et al. (1999) YKL-40, A Matrix Protein of Specific Granules in Neutrophils, is Elevated in Serum of Proteins with Community-Aquired Pneumonia Requiring Hospitalization. J. of Infec. Dis. 180(5) 1722-1726.
	K	Volk et al. (1998) YKL-40, A Mammalian Member of the Chitinase Family, is a Matrix Protein of Specific Granules in Human Neutrophils. Proceeding of the Association of American Physicians 110(4) 351-360
	L	Johansen et al., "A new Biochemical Marker for Joint Injury Analysis of YKL-40 in Serum and Synovial Fluid", British Journal of Rheumatology, 1993, 32: 949-955
	M	Johansen et al., "Plasma YKL-40 Concentrations in patients with Rheumatoid Arthritis", abstract for scientific conference published on or after July 12, 1992
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.